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VOLUME 12, 1981

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JOURNAL OF AEROSOL SCIENCE

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Aims and Scope

The aim of the Journal is to encourage the submission of original, well documented papers on all aspects of aerosol research. Areas covered include:

Basic aerosol formation, processes and reactions; chemistry; mechanics; optics, electrostatics; analysis; electromagnetic, acoustic and nuclear radiations; diffusion processes; mobility; condensation and evaporation; heat motion; energy distribution; forces of attraction and repulsion; turbulence; coagulation; deposition; biological action; inhalation; nucleation; microscopy and electron microscopy; instrumentation.

Papers will be subjected to constructive criticism by identified referees who will discuss them with authors as far as is required.

The Journal will publish research work and occasional reviews of recent work of basic scientific value. The intention is also to encourage the presentation of results in forms which can be generalized as far as possible, rather than the restricted presentation of most applied research.

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EDITORIAL

THE FIRST eleven volumes of the Journal of Aerosol Science are complete and Volumes 1 to 10 have been fully indexed. The first decennial index is now available from the publishers and is a valuable guide to all the advances in basic aerosol research which have taken place over the period.

It has been necessary to remove the contents list of each issue to the back cover, where it now appears printed on white paper which facilitates its reproduction. The vacant space on the front cover is filled in a manner intended to indicate that the Journal of Aerosol Science is concerned more with fundamental facts which are used in various fields rather than with specific aerosol problems in, for example, occupational health, air pollution, atmospheric science and engineering of different kinds; there exist a number of excellent journals which cover these applications.

Because of the practical importance of applications of aerosol science, most research has been in these fields and it has not been easy to obtain backing for experiments designed to elucidate basic issues. This is why there has been an excess of theory, some incorrect, with a quite surprising lack of experimental confirmation of many of the original ideas.

It is the policy of the Journal of Aerosol Science to publish experimental work and theoretical work, when it is associated with experimental checks. An expansion in the size of the Journal is not contemplated.

C. N. DAVIES

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